

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
 Data File : BM019206.D
 Acq On : 16 Mar 2019 03:13
 Operator : JU/SJ
 Sample : K1895-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OILY-SOIL

Quant Time: Mar 16 03:47:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	202254	20.00	ng	-0.01
21) Naphthalene-d8	10.43	136	842890	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	545882	20.00	ng	-0.02
64) Phenanthrene-d10	17.06	188	1212340	20.00	ng	-0.01
76) Chrysene-d12	21.26	240	963802	20.00	ng	-0.02
87) Perylene-d12	23.49	264	867760	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1569644	125.68	ng	0.00
7) Phenol-d6	6.83	99	2020093	110.58	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1642582	92.12	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	1141935	141.68	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3778312	90.03	ng	-0.02
79) Terphenyl-d14	19.70	244	5864578	120.80	ng	-0.01

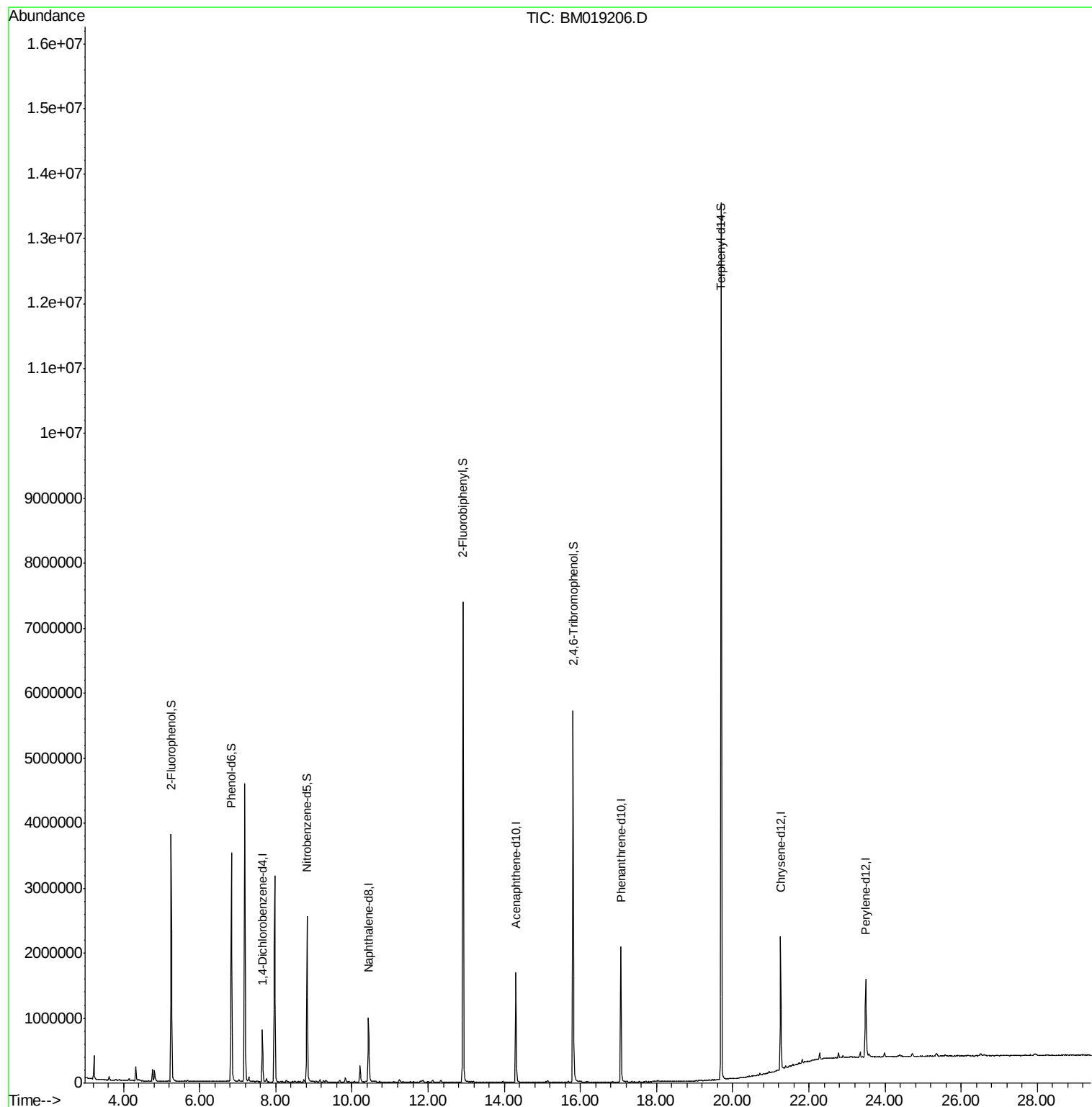
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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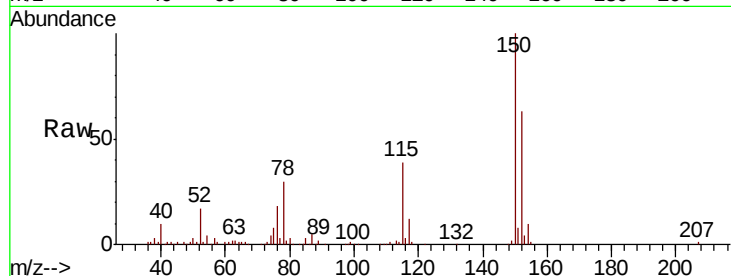


#1

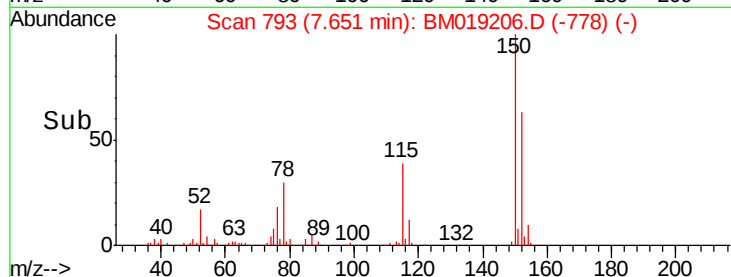
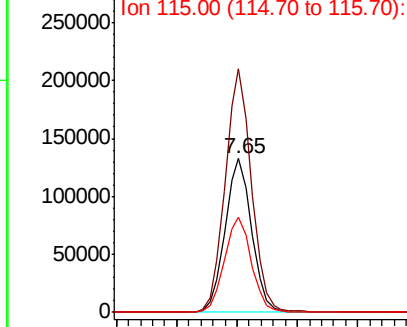
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM019206.D
Acq: 16 Mar 2019 03:13

Instrument :
BNA_M
ClientSampled :
OILY-SOIL

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	125.3	187.9
115	62.3	49.4	74.0



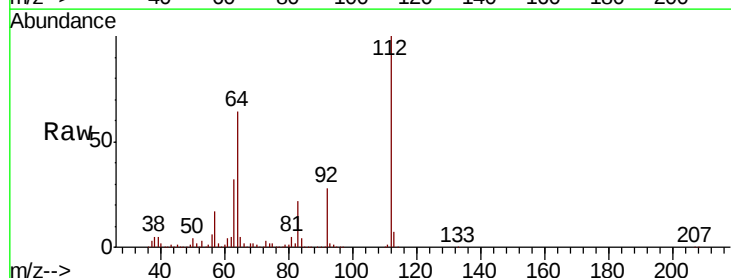
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



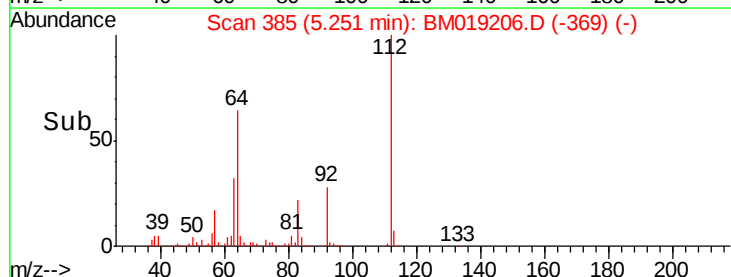
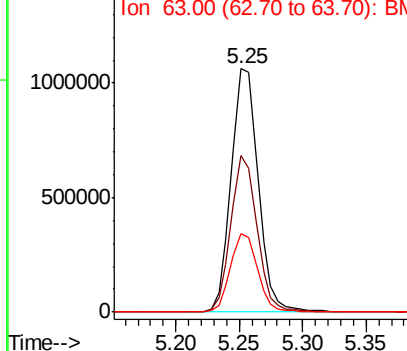
#5

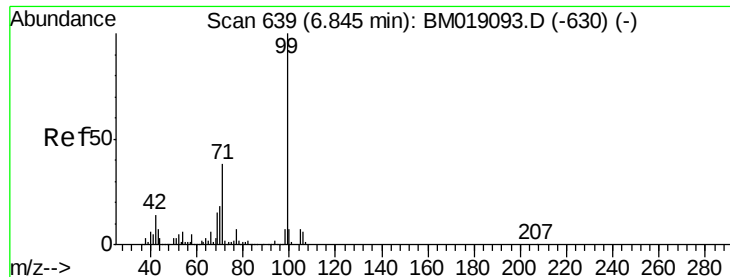
2-Fluorophenol
Concen: 125.684 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM019206.D
Acq: 16 Mar 2019 03:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	51.4	77.0
63	32.4	26.6	40.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 110.584 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM019206.D

Acq: 16 Mar 2019 03:13

Instrument :

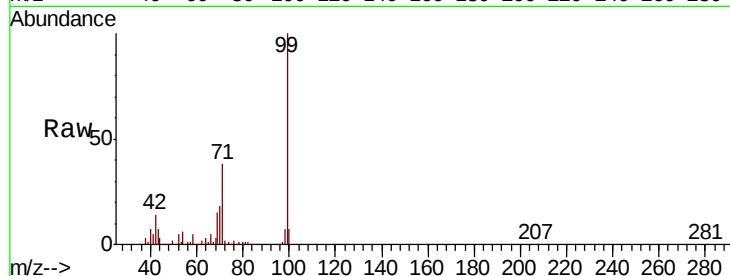
BNA_M

ClientSampleId :

OILY-SOIL

Tot Ion: 99 Resp: 2020093

Ion	Ratio	Lower	Upper
99	100		
42	14.0	10.9	16.3
71	38.1	30.3	45.5

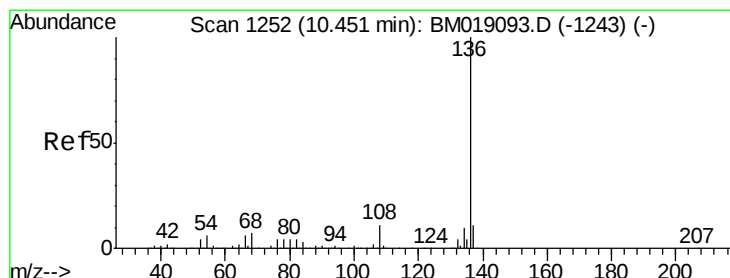
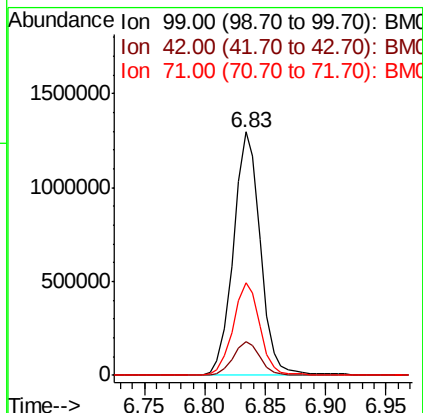
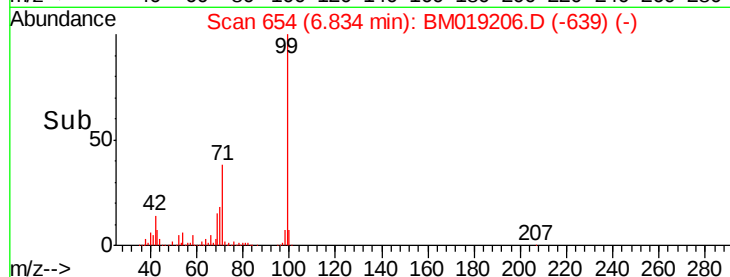


Abundance

Ion 99.00 (98.70 to 99.70): BM019093.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM019093.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM019093.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

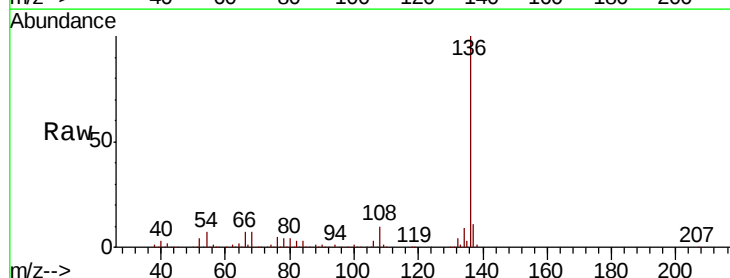
Delta R.T. -0.02 min

Lab File: BM019206.D

Acq: 16 Mar 2019 03:13

Tgt Ion: 136 Resp: 842890

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	6.7	5.2	7.8
68	6.9	5.8	8.8



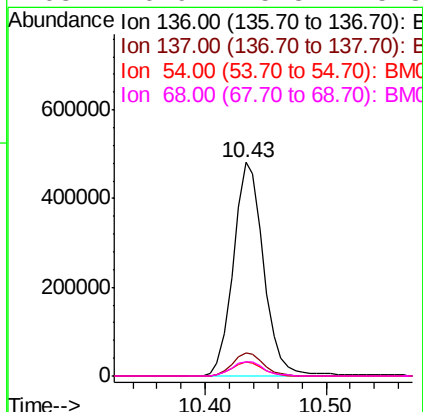
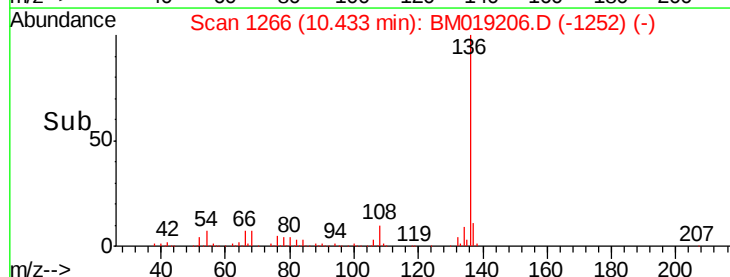
Abundance

Ion 136.00 (135.70 to 136.70): BM019093.D (-1243) (-)

Ion 137.00 (136.70 to 137.70): BM019093.D (-1243) (-)

Ion 54.00 (53.70 to 54.70): BM019093.D (-1243) (-)

Ion 68.00 (67.70 to 68.70): BM019093.D (-1243) (-)

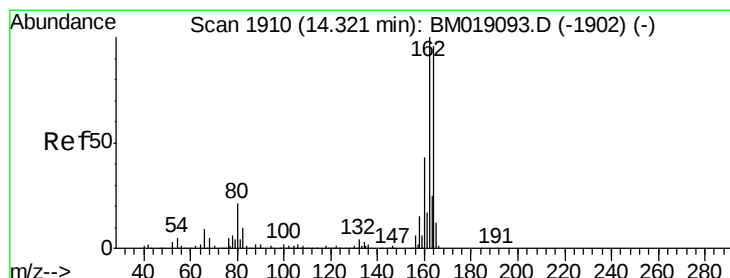
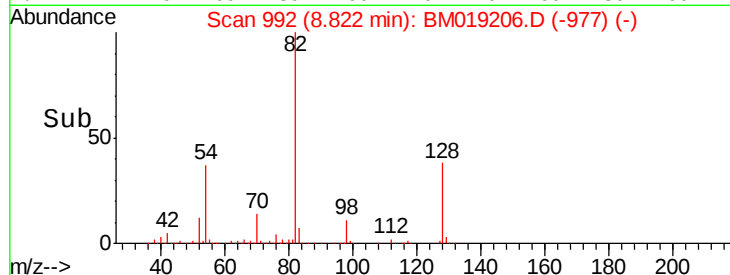
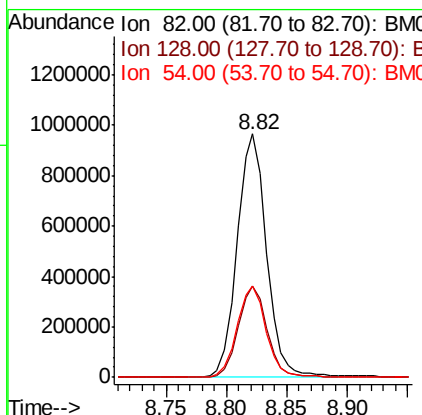
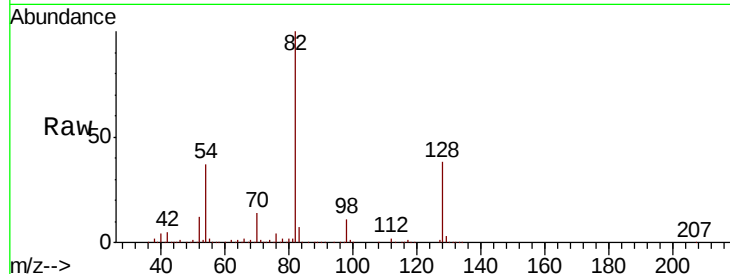




#23
Nitrobenzene-d5
Concen: 92.118 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM019206.D
Acq: 16 Mar 2019 03:13

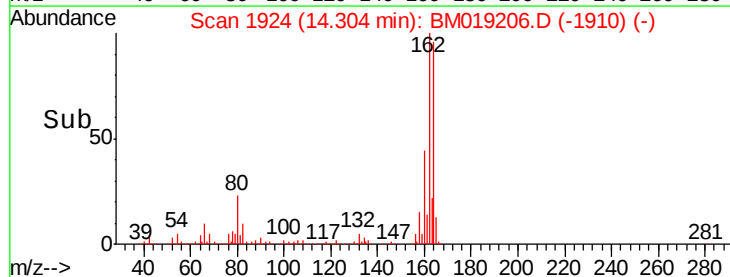
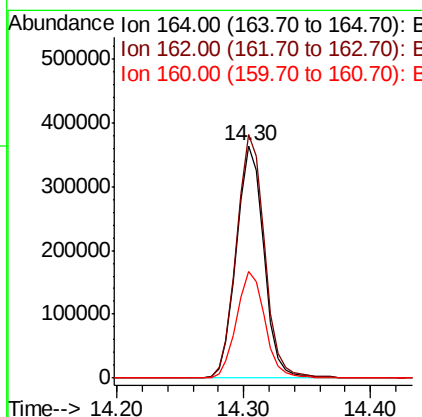
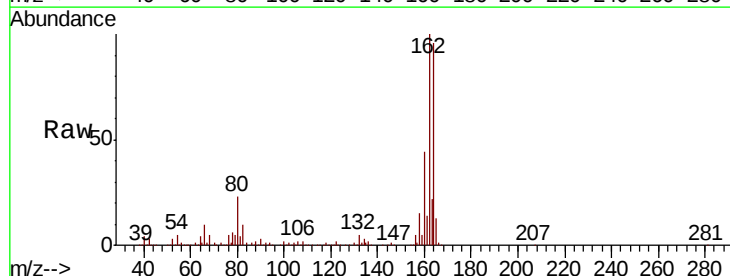
Instrument :
BNA_M
ClientSampleId :
OILY-SOIL

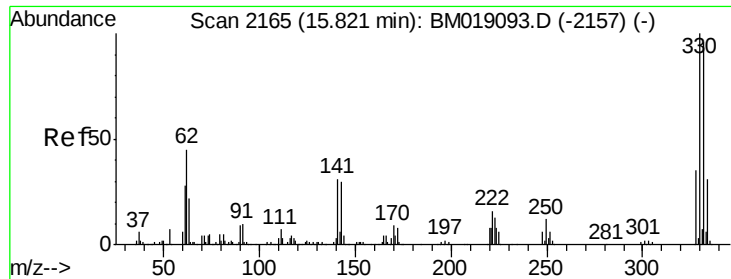
Tot Ion: 82 Resp: 1642582
Ion Ratio Lower Upper
82 100
128 37.6 29.4 44.2
54 37.2 29.9 44.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.02 min
Lab File: BM019206.D
Acq: 16 Mar 2019 03:13

Tgt Ion:164 Resp: 545882
Ion Ratio Lower Upper
164 100
162 104.6 83.5 125.3
160 45.6 36.3 54.5

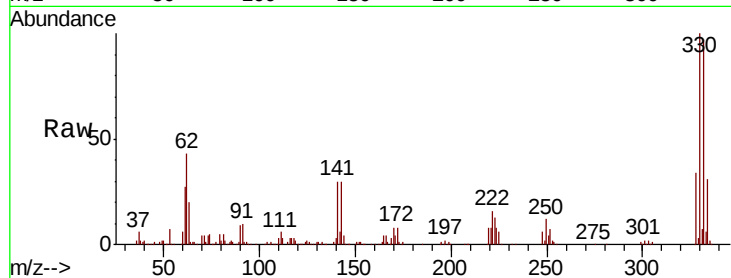




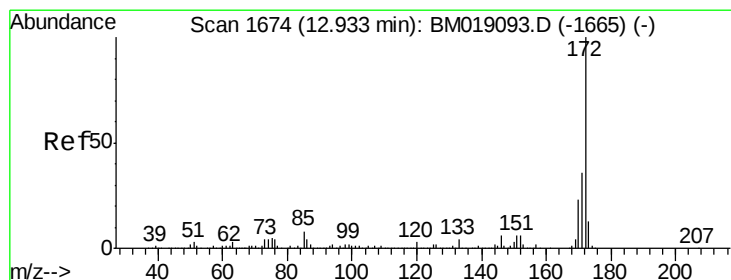
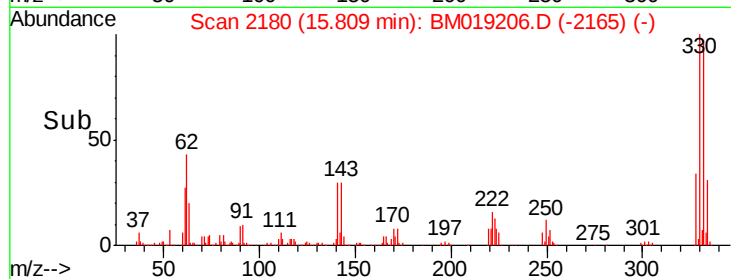
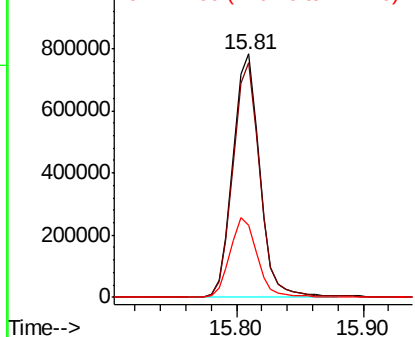
#42
 2,4,6-Tribromophenol
 Concen: 141.684 ng
 RT: 15.81 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BM019206.D
 Acq: 16 Mar 2019 03:13

Instrument :
 BNA_M
 ClientSampleId :
 OILY-SOIL

Tot Ion:330 Resp: 1141935
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.8 115.2
 141 33.2 27.0 40.4

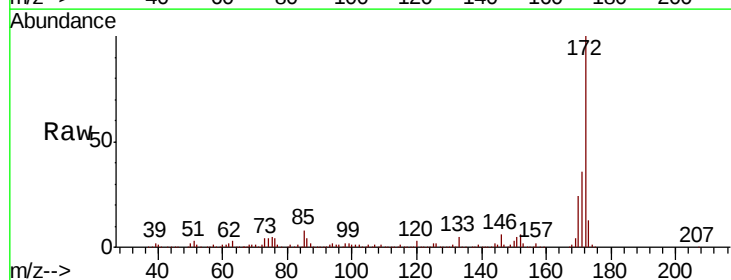


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

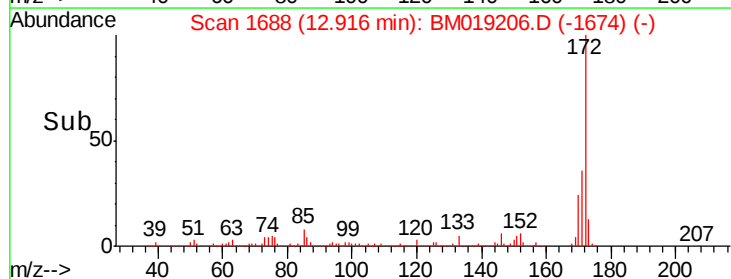
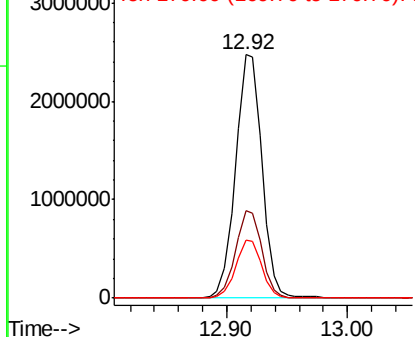


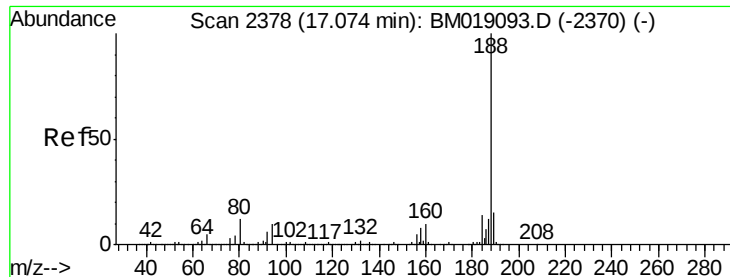
#45
 2-Fluorobiphenyl
 Concen: 90.032 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BM019206.D
 Acq: 16 Mar 2019 03:13

Tgt Ion:172 Resp: 3778312
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 42.8
 170 23.6 18.6 28.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BM019206.D

Acq: 16 Mar 2019 03:13

Instrument :

BNA_M

ClientSampled :

OILY-SOIL

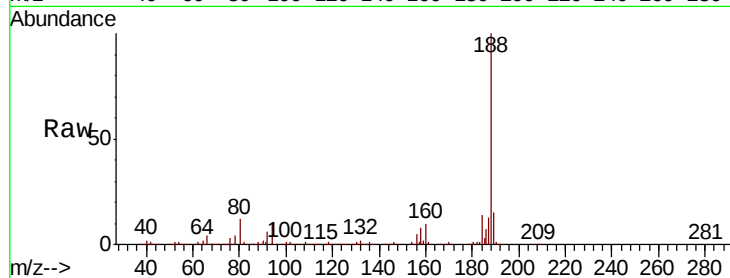
Tot Ion:188 Resp: 1212340

Ion Ratio Lower Upper

188 100

94 10.0 8.1 12.1

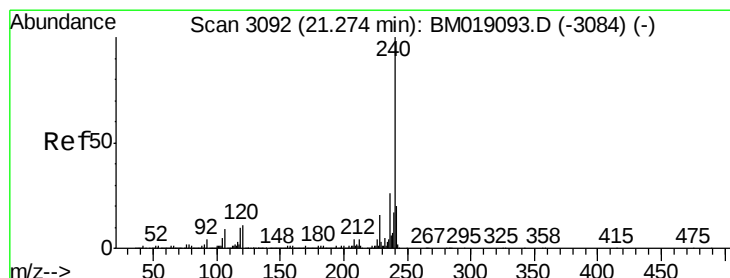
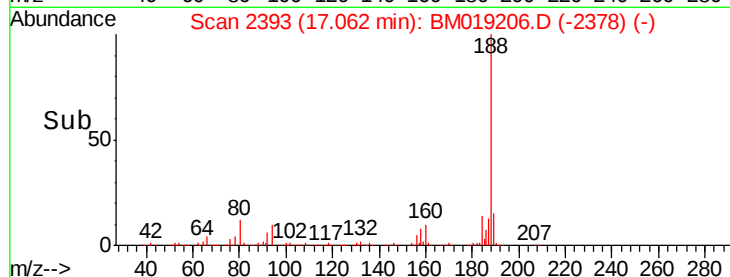
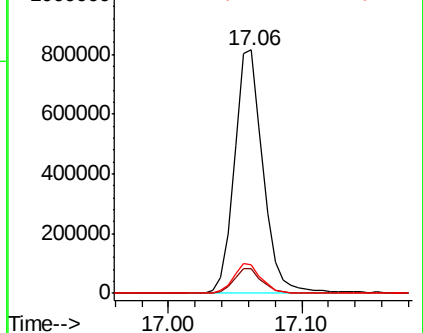
80 11.9 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.26 min Scan# 3106

Delta R.T. -0.02 min

Lab File: BM019206.D

Acq: 16 Mar 2019 03:13

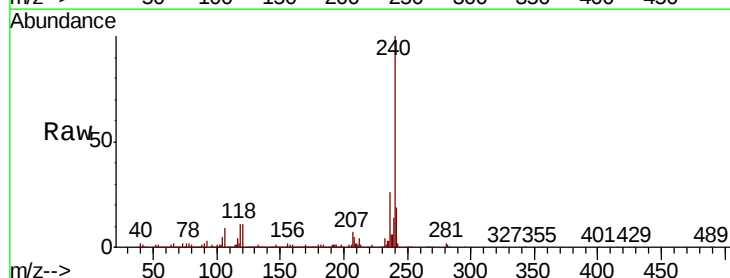
Tgt Ion:240 Resp: 963802

Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

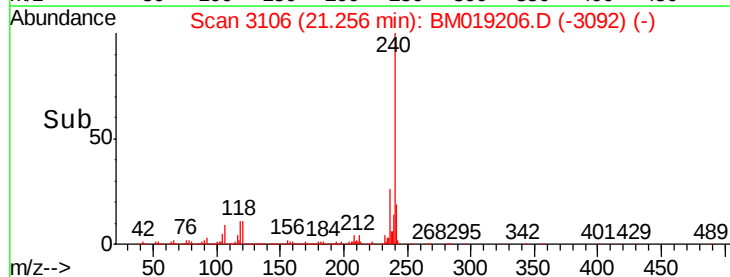
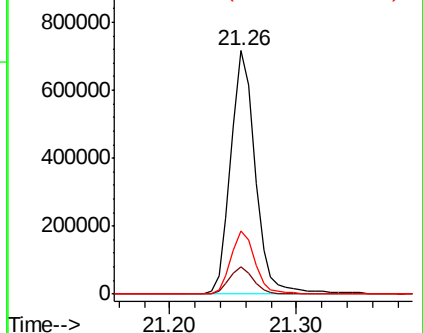
236 25.7 21.0 31.4

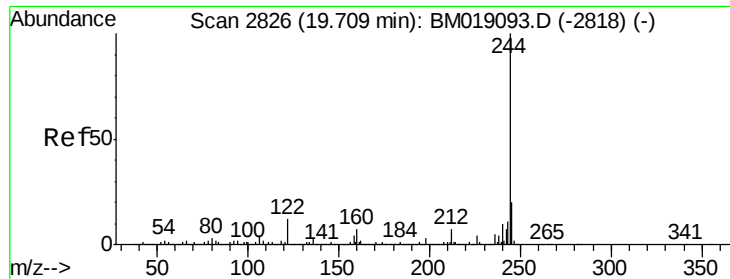


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

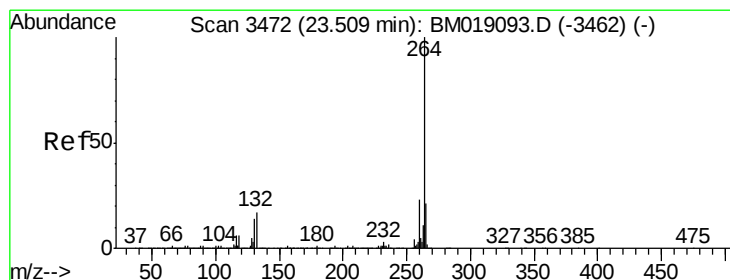
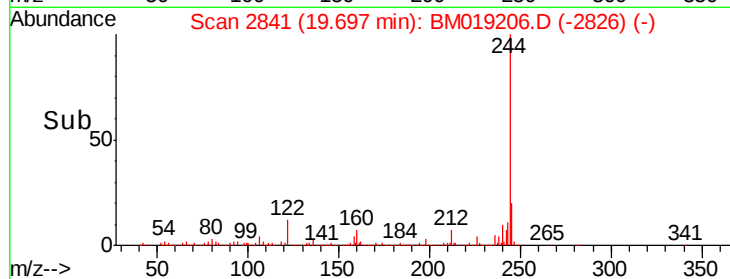
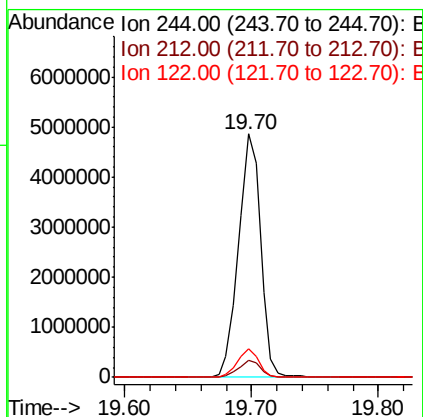
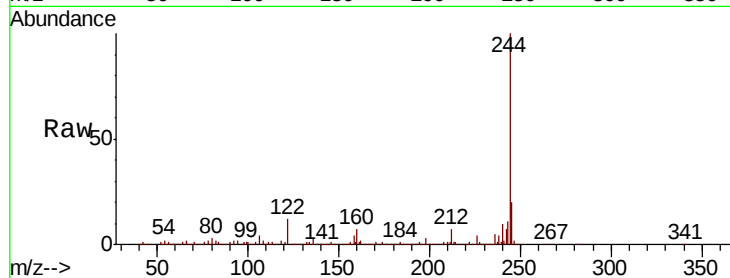




#79
 Terphenyl-d14
 Concen: 120.797 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM019206.D
 Acq: 16 Mar 2019 03:13

Instrument :
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 OILY-SOIL

Tot Ion:244 Resp: 5864578
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.5 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.49 min Scan# 3486
 Delta R.T. -0.02 min
 Lab File: BM019206.D
 Acq: 16 Mar 2019 03:13

Tgt Ion:264 Resp: 867760
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 28.0
 265 22.7 17.3 25.9

